



Quick Installation Guide

DVG-2102S

VoIP Telephone Adapter

Check Your Package Contents



DVG-2102S
VoIP TA



CD-ROM



Phone Cord



Ether (CAT5
UTP) Cable



12VDC, 1A
Power Adapter



Using a power adapter with a different voltage rating will damage this product and void the warranty.

1 Hardware Overview

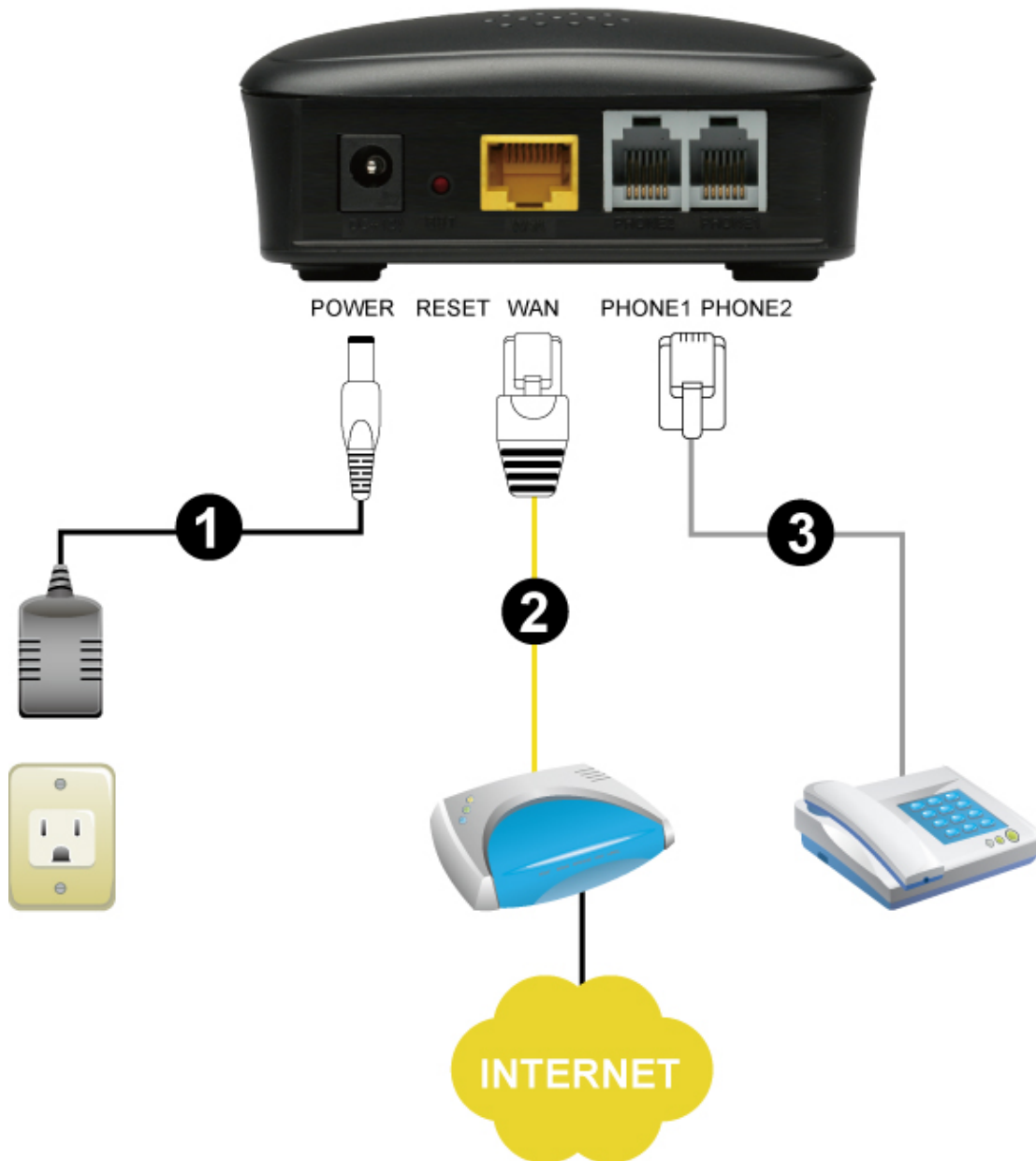
Front Panel



Power	Green light indicates a normal power supply. A fast blinking light indicates the SIP Telephone Adapter is not registered. A slow blinking light indicates the SIP Telephone Adapter is communicating with the Auto Provision Server.
WAN	When a connection is established the 10 or 100 LED will light up solid. The LED will blink to indicate activity. If the 10 or 100 LED does not light up when a cable is connected, verify the cable connections and make sure your devices are powered on.
Phone	This LED displays the VoIP status and Hook/Ringing activity on the phone port that is used to connect your normal telephone(s). If a phone connected to a phone port is off the hook or in use, this LED will light solid. When a phone is ringing, the indicator will blink.

1 Hardware Overview (continued)

Rear Panel



1. **Power Receptor:** Receptor for the provided power adapter.
2. **WAN:** Connect to your broadband modem or your Ethernet enabled computers using Ethernet cabling.
3. **Phone:** Connect to your phones using standard phone cabling (RJ-11).

2

Installing the Hardware

- A. Insert one end of the Ethernet cable into the WAN port on the back of the DVG-2102S and the other into your cable/DSL modem or the LAN port of your router or an available Ethernet port on your PC.



- B. Insert a telephone cable into the Phone port, and then connect the cable to your telephone.



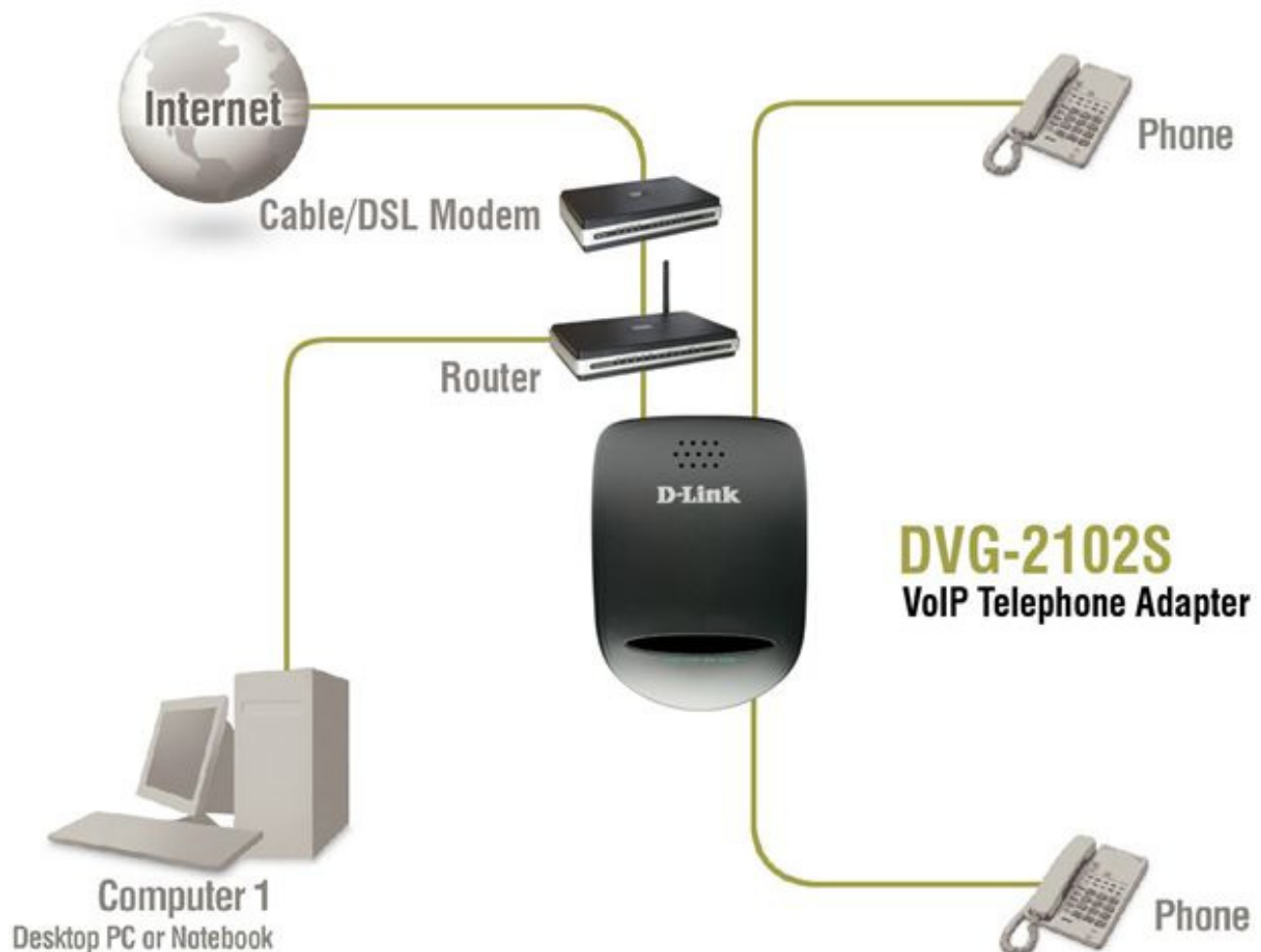
- C. Connect the power adapter to the power input at the back panel of the DVG-2102S and then plug the other end of the power adapter to a wall outlet or power strip. On the front of the device, the Power LED will turn on to indicate proper operation.



- D. Check the LED display on the front of the VoIP Telephone Adapter to confirm that the connections have been made.

2 Installing the Hardware (continued)

After the installations are completed, your network should look similar to the diagram below.

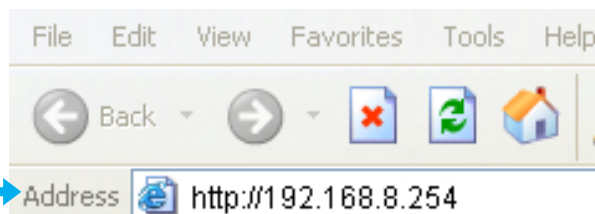


Hardware configuration is complete! If your VoIP service is already activated, you can make phone calls now.

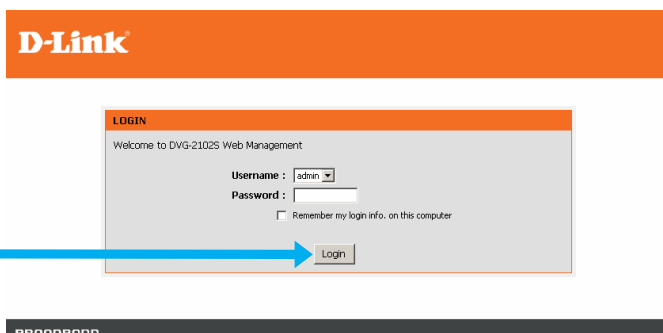
3 Configuration

To access the web-based configuration utility, open a web browser such as Internet Explorer and enter the IP address of the DVG-2102S.

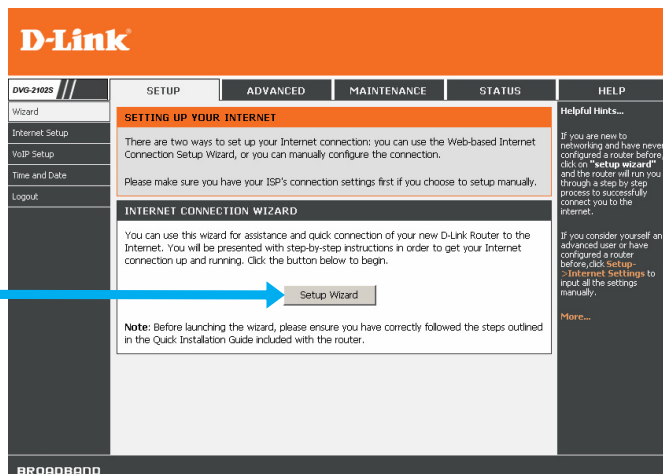
Open your Web browser and type **http://192.168.8.254** into the URL address box. Press the Enter or Return Key.



Click **Login** to enter Web Site.



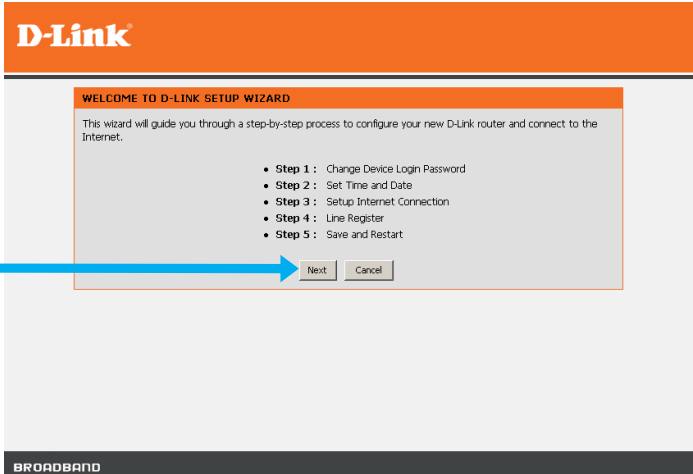
Click **Setup Wizard**.



3

Configuration (continued)

Click **Next**.



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WELCOME TO D-LINK SETUP WIZARD

This wizard will guide you through a step-by-step process to configure your new D-Link router and connect to the Internet.

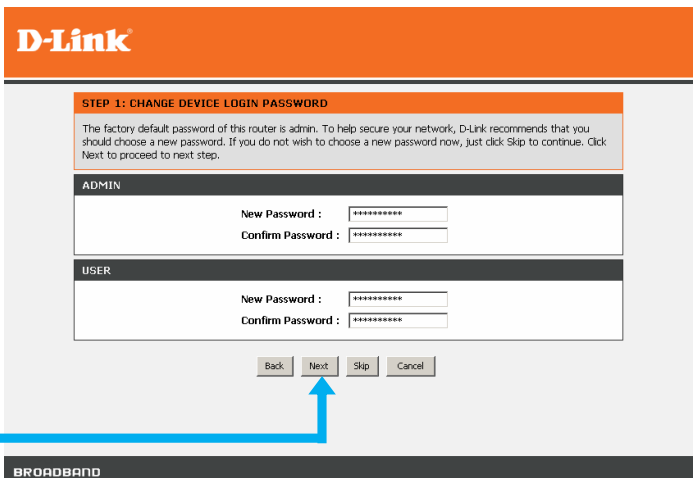
- Step 1 : Change Device Login Password
- Step 2 : Set Time and Date
- Step 3 : Setup Internet Connection
- Step 4 : Line Register
- Step 5 : Save and Restart

Next Cancel

BROADBAND

The username of **ADMIN** and **USER** have been defined and locked by default. It is highly recommended to create a login password to keep your router secure.

Click **Next**.



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STEP 1: CHANGE DEVICE LOGIN PASSWORD

The factory default password of this router is admin. To help secure your network, D-Link recommends that you should choose a new password. If you do not wish to choose a new password now, just click Skip to continue. Click Next to proceed to next step.

ADMIN

New Password :

Confirm Password :

USER

New Password :

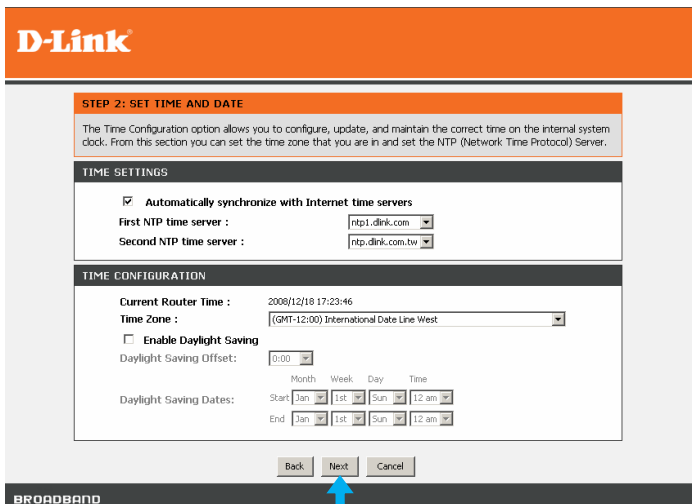
Confirm Password :

Back Next Skip Cancel

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Enter a NTP server or use the default server Select your time zone from the drop-down menu. Enable Daylight Saving for your local time if required.

Click **Next**.



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STEP 2: SET TIME AND DATE

The Time Configuration option allows you to configure, update, and maintain the correct time on the internal system clock. From this section you can set the time zone that you are in and set the NTP (Network Time Protocol) Server.

TIME SETTINGS

☒ Automatically synchronize with Internet time servers

First NTP time server :

Second NTP time server :

TIME CONFIGURATION

Current Router Time : 2008/12/18 17:23:46

Time Zone :

☐ Enable Daylight Saving

Daylight Saving Offset:

Daylight Saving Dates:

Start	Month	Week	Day	Time
Jan	1st	Sun	12 am	
End	Jan	1st	Sun	12 am

Back Next Cancel

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3

Configuration (continued)

Select your Internet connection type:
DHCP – Most Cable ISPs or if you are connecting the DVG-2102S behind a router.

Static IP – Select if your ISP supplied you with your IP settings.

PPPoE – Most DSL ISPs.

PPTP/L2TP – Select if required by your ISP.

Select **Manual** to manually enter IP address of DNS or select **Auto** if DNS is assigned by ISP.

Click **Next**.

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STEP 3: SETUP INTERNET CONNECTION
 Select the access type of VoIP Gateway WAN interface.
 (New settings will be effective after Gateway restarted)

☐ DHCP
☒ Static IP
☐ PPPoE
☐ PPTP
☐ L2TP

STATIC IP

IP Address : 192.168.1.2
 Subnet Mask : 255.255.255.0
 Default Gateway IP : 192.168.1.254
 MTU : 1500

WAN ALIAS

IP Address : 192.168.0.254
 Subnet Mask : 255.255.255.0

DNS

Domain Name Server Assignment : ☒ Auto ☐ Manual
 Domain Name Server (Primary) IP : 168.95.1.1
 Domain Name Server (Secondary) IP :

MAC

Factory Default MAC Address : 00:ED:4C:06:71:D1
 Your MAC Address : 00:00:1C:D4:AF:0A
 Current MAC Address : (xxxxxxxxxxxxxx)

VLAN

☐ Enable VLAN Tagging

Back Next Cancel

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Register to the SIP Proxy Server by clicking **Enable support of SIP Proxy Server**. Enter **Proxy Server IP/Domain** and **Port**.

The **Outbound Proxy Support** is optional. To register, please click on the **Outbound Proxy Support** check box and enter **Outbound Proxy IP/Domain** and **Port** in it.

Registration by phone line: enter **Number**, **User ID/Account** and **Password** supplied by your ITSP. Click on the **Register** check box to register to Proxy Server.

Click **Next**.

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STEP 4: LINE REGISTER
 The VoIP Router can invite register to a VoIP trunk gateway or register by each port of phone. Please contact your ITSP.

SIP PROXY SERVER / SOFT SWITCH SETTINGS

☐ Enable Support of SIP Proxy Server / Soft Switch
 ITSP Name :
 Proxy Server IP / Domain : 192.168.1.1
 Proxy Server Port : 5060 (1 - 65535)
 SIP Domain :
☐ Use Domain to Register

OUTBOUND PROXY SUPPORT

☐ Outbound Proxy Support
 Outbound Proxy IP / Domain :
 Outbound Proxy Port : 5060 (1 - 65535)

PHONE 1 - FXS

Number : 701
☐ Register
☐ Invite with ID / Account
 User ID / Account :
 Password :
 Confirm Password :

PHONE 2 - FXS

Number : 702
☐ Register
☐ Invite with ID / Account
 User ID / Account :
 Password :
 Confirm Password :

Back Next Cancel

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Configuration (continued)

Setup is finished. Check the summary of your settings. To make new settings effective, you must click on the **Restart** button to reboot the DVG-2102S.

Click **Restart**.

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STEP 5: SAVE AND RESTART

The last step is to save changes and restart Gateway to make new settings effective. Save and Restart takes about 40 seconds. The login page will show in about 1 minute.

SETUP SUMMARY

Below is a detailed summary of your settings.

Time Settings :	Enabled
Protocol :	DHCP
Proxy Server IP / Domain :	192.168.1.1
Proxy Server Port :	8080
SIP Domain :	

[Back](#) [Restart](#) [Cancel](#)

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